

Serial No. 10/804411

JFW

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

Inventor(s): **David Garrett**

Case: **12**

Serial No.: **10/804411**

Filing Date: **March 19, 2004**

Examiner: Group Art Unit: **3629**

Title: **Method Of Sphere Decoding With Low Complexity And
Good Statistical Output
**

**COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**

SIR:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

Copies of the listed documents are enclosed together with the search report that listed these documents.

NO FEE IS REQUIRED

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lucent Technologies Deposit Account No. 12-2325** as required to correct the error.

Respectfully,


Martin I. Finston, Attorney

Reg. No. **31613**

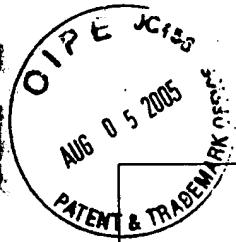
908-582-2908

Date: Aug. 2, 2005

**Docket Administrator (Room 3J-219)
Lucent Technologies Inc.
101 Crawfords Corner Road
Holmdel, NJ 07733-3030**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on August 3, 2005.


Rose E. Ewald



T & TRADEMA

INFORMATION DISCLOSURE STATEMENT	Case Name. Serial No. Applicant: Filing Date: Group:	D. Garrett 12 10/804411 D. Garrett, et al. March 19, 2004 3629
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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

SEARCHED PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	AB	David Garrett, et al, "APP processing for high performance MIMO systems," <i>IEEE Custom Integrated Circuits Conference, CICC, New York, NY</i> , Conf. 25, (9-21-03), pp. 271-274.
	AC	David C. Garrett, et al, "19.2 Mbit/s 4 x 4 BLAST/MIMO detector with soft ML outputs," <i>ELECTRONICS LETTERS, IEE STEVENAGE, GB</i> , vol. 39, no. 2, (1-23-03), pp. 233-235.
	AD	Haris Vikalo, et al, "Modified Fincke-Pohst algorithm for low-complexity iterative decoding over multiple antenna channels," <i>IEEE International Symposium on Information Theory, New York, NY</i> , (6-30-02), p. 390.
	AE	European Search Report, Appl. No. 05251289.4-2415 PCT/, (7-11-05).

***References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26

***Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

EXAMINER	DATE CONSIDERED
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***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant